

ENERGY CONSERVATION CELL

The 'Energy Conservation Cell' in the institution was established in 2018 under the guidelines of Anand Model Education & Charitable Society with the purpose to make decisions and practices of using less energy. The cell works to fulfill specific objectives which are necessary to reduce the consumption of power by using energy saving measures and strategies by involving the faculty and the students in this practice.

OBJECTIVES:-

- i) To promote awareness to increase and encourage minimization of energy wastage.
- ii) To ensure realistic and comprehensive reduce of energy to save energy usage cost.
- iii) To improve energy efficiency through consistent, safe and secure methods.
- iv) To ensure safe handling and minimize wastage by facilitating repair and reuse.
- v) To provide clearly defined roles & responsibilities to identify & co-ordinate each activity of the energy conservation.
- vi) To ensure acceptable indoor air quality and natural light facility.

MEMBERS :-

CHAIRPERSON- Principal - Dr Kawalbis Kaur Mahal

OTHER MEMBERS- Asst. Prof. - Ms Ritu Kalia

" - Ms. Baljit Kaur

" - Ms. Rajbis Kaur

Student Representatives

The cell arranges meeting in a year to discuss important matters related to effective waste management at institution level & issues notices time to time with the purpose to make institution eco-efficient. The cell provides information about the recyclable material, hazardous radioactive waste. The cell updates waste management procedure on regular basis. Meetings, seminars & Extension lectures are organized by the cell from time to time in order to encourage the staff and students about preference on minimization & landfill disposal.

The action plan is implemented with the help of "College Beautification Committee".

PRINCIPAL

Dr. Kawalbis Kaur Mahal.

MEETING

The first meeting of "Energy Conservation Cell" was held on 21st April 2018 in the office of undersigned at 2:00 pm.

AGENDA OF THE MEETING:- Following were the meeting agenda:-

- i) Orientation to encourage minimization of energy waste in the campus.
- ii) Assigning duties and responsibilities to identify and coordinate each activity of the energy conservation in the campus.

PROCEEDINGS

Meeting started with a welcome note. The chairperson of energy conservation cell discussed the energy consumption patterns of the college premises and also threw light on the total budget of the college, total economic investment of the college on the electricity and total electricity generation from the solar electricity generation unit. She assigned duties to the cell members to identify the areas where potential for energy/cost saving exist and prepare proposals for energy cost saving. She further added that area wise consumption of electricity should also be traced by team members. After thorough deliberations, the cell in-charge compiled a list of possible actions to conserve & efficiently access the

available resources in the campus. The duties to various staff members were also assigned to coordinate each activity of the energy conservation on the basis of recommendation provided by the cell.

ACTIONS TAKEN

On the basis of recommendations made by the cell meeting, following steps for reducing power consumption in the campus were taken:

- i) Sensitization of staff and students to turn off lights/fans when not in use through notices.
- ii) Organization of extension lecture to promote awareness about Energy Conservation.
- iii) Unnecessary use of Air Conditioners & other electrical appliances was checked.
- iv) Modern more cost effective LED lights were replaced with bulbs.
- v) Discipline committee played active role in checking the duties assigned to be administered properly.

1. Dr. Kawalbir Kaur

[Signature]

2. Ms. Ritu Kalia

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Ritu Kalia

3. Ms. Baljit Kaur

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4. Ms. Rajbir Kaur

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Rajbir Kaur

The second meeting of "Energy Conservation Cell" was held on 27th July 2019 in the office of undersigned at 2:00 pm.

AGENDA OF THE MEETING: Following were the meeting agenda:

- i) Ensure safe handling & minimize wastage of energy by regular repair & service.
- ii) Assigning clearly defined roles and responsibilities to assure acceptable indoor air quality and natural light facility.

PROCEEDINGS:-

The chairperson started meeting with a welcome note. The in-charge of the cell presented the detailed report of the actions taken after the first meeting of the cell. She asked for the reports if any regarding the assigned duties to the cell members. The chairperson further gave information to write request letters to the authorities to get the money sanctioned as to speed up the initiatives. The duties to various staff members were also assigned to coordinate each activity of energy conservation on the basis of recommendations provided by the cell.

ACTIONS TAKEN

On the basis of recommendation made by the cell, following steps were put forth:

- i) Letters to authorities to sanction money

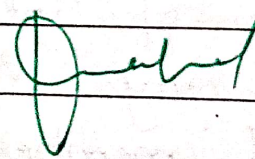
for the energy conservation initiatives in the College premises.

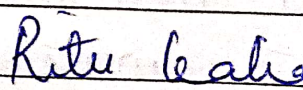
ii) Organization of talks by the faculty members to promote awareness about Energy Conservation.

iii) Reminders to coordinators to post whatsapp message in groups to check unnecessary use of electrical appliances.

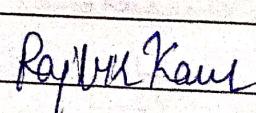
iv) Energy conservation posters were displayed at various points in the College premises.

v) High voltage CRT monitors were replaced with low power LCD monitors in all the Labs & offices.

1. Dr. Kawalbir Kaur - 

2. Ms. Ritu Kalia - 

3. Ms. Baljit Kaur - 

4. Ms. Rajbir Kaur - 

A meeting of the 'Energy Conservation Cell' was held in the Principal Office on 11th Mar 2022 at 2:00 pm.

AGENDA OF THE MEETING:- following were the meeting agenda:

- i) Improvement in Energy efficiency to reduce Energy consumption & cost
- ii) Minimize the energy consumption by use of energy efficient equipment & maximize use of day light & natural ventilation.

PROCEEDINGS

Meeting started with a welcome note. The Chairperson of Energy Conservation Cell threw light on the total economic investment of the College on the electricity. She further added that the cell works to fulfill specific objectives which are necessary to reduce the consumption of power by using energy saving measures and strategies by involving the faculty & the students in this practice.

ACTION TAKEN

- i) Conduct Green Audit
- ii) Maintain the energy needs of the campus with back-up power supply system for supplying uninterrupted energy demands.
- iii) Establishment of energy efficient utilization

measures in the supply, demand systems as part of energy management of the campus.

iv) Replacement of the existing conventional lighting with cost-effective LED lights.

v) Monitor the electricity bills for the efficient utilization of solar power plant installed in the campus.

vi) Floor-wise master switches.

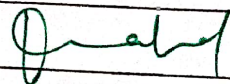
vii) Well-designed building to maximize the use of natural light & ventilation.

viii) Preference to outdoor games.

ix) The Institute shall continuously review & update the approved policy & is committed to its implementation.

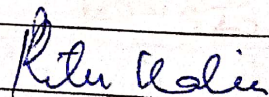
1. Dr. Kawalbir Kaur

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2. Ms. Ritu Kalia

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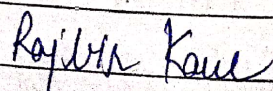
3. Ms. Baljit Kaur

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4. Ms. Rajbir Kaur

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A meeting of the 'Energy Conservation Cell' was held on 28th April 2023 in the office of undersigned at 8:00 pm.

AGENDA OF THE MEETING: Following were the meeting agenda:

- i) Minimize the use of non-renewable source of energy.
- ii) Reduce e-waste to maximum with proper maintenance.

PROCEEDINGS

Meeting started with a welcome note. She (Chairperson) presented the detailed report of the actions taken after the previous meeting of the cell. Meetings, Seminars and Extension Lectures are organized by the cell from time to time in order to encourage staff and students about preference on Energy Conservation. Cell aims to create an awareness about the wise and judicious use of our energy & reducing the wastage of energy for a better future.

ACTIONS TAKEN

- i) Awareness programmes including energy campaigns & measures for energy conservation procedures for sustainable development is disseminated in the community as a practice.

ii) Solar panels were installed on the roof top of the college building to minimize the use of non-renewable source of energy.

iii) Directions are given to students for the proper utilization of the electronic devices in the institution. Ensures all the institutional electronics are turned off when not in use.

iv) Reduce e-waste to maximum with proper maintenance, before moving on to replace & recycle stage.

v) Use of energy efficient, star labelled equipment for various purposes.

Principal

Dr. Kawalbir Kaur Mahal

[Signature]

A meeting of the 'Energy Conservation Cell' was held on 21st Feb 2024 in the office of undersigned at 2:00 pm.

AGENDA OF THE MEETING: Following were the meeting agenda:

- i) To generate awareness regarding the necessity to shift focus on the conservation of Energy.
- ii) To make the students and general public aware of the grave present scenario.

PROCEEDINGS

Meeting started with a welcome note. The Chairperson presented the detailed report of the actions taken after the previous meeting of the cell. She informed the members that cell tries to make the students and general public aware of the present scenario and how wastage of energy should be considered almost a cardinal sin. She also assured that the cell is progressing leaps and bounds & hopes to continue doing so for years to come.

ACTIONS TAKEN

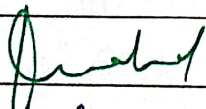
- i) Reminders to coordinators to post whatsapp message in groups to check unnecessary use of electrical appliances.
- ii) Establishment of energy efficient

utilization measures in the supply, demand systems as part of energy management of the campus.

iii) Preference to outdoor games

iv) Discipline committee played active role in checking the duties assigned to be administered properly.

v) Organization of talks by the faculty members to promote awareness about Energy Conservation


Principal

Dr. Kausalbis Kaus Mahal